**Requirements:** Create a website that allows a scheduler to enroll students into courses. Scheduler has access to all student information and course details. The scheduler can edit a student’s information and enroll/unenroll a student from a course. A scheduler can create a new course or make a course as inactive. A scheduler can view all enrollments as well.

Administrator has full access to edit, delete, and create as needed.

How:

2-tier application  
[ASP.NET](http://ado.net/) MVC Application  
utilizing MSSM as our DB and query from (dynamic data)  
utilized Entity Framework as our ORM  
C# classes  
Linq syntax  
utilized Razor

Github utilized for Source Control

**Use Case Descriptions and Diagrams**

Enrollments:

Both the Admin and Scheduling roles have full CRUD functionalityDiagram

Description automatically generated

Scheduled Classes:

Admin has full CRUD functionality / Scheduling cannot Delete

Diagram, schematic

Description automatically generated

Students:

Admin has full CRUD functionality / Scheduling cannot Create, Edit, or Delete

Diagram

Description automatically generated

Courses:

Admin has full CRUD functionality / Scheduling has no access

A picture containing text, businesscard, vector graphics

Description automatically generated